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Dated: March 31, 2005

Signature:

(Ronald E. Cahill)

Docket No.: 022727-0106  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Pallab Banerjee et al.

Confirmation No.: 1011

Application No.: 10/806,025

Art Unit: 1632

Filed: March 22, 2004

Examiner: Not Yet Assigned

For: HYPERBRANCHED DENDRON AND  
METHODS OF SYNTHESIS AND USE  
THEREOF

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are the following documents for filing in connection with the above-referenced patent application:

1. Information Disclosure Statement;
2. PTO/SB/08A (1449); and
3. Copies of foreign and non-patent references

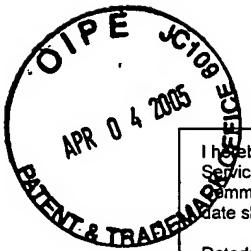
The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 141449, under Order No. 022727-0106.

Dated: March 31, 2005

Respectfully submitted,

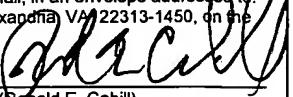
By   
Ronald E. Cahill

Registration No.: 38,403  
NUTTER MCCLENNEN & FISH LLP  
World Trade Center West  
155 Seaport Boulevard  
Boston, Massachusetts 02210-2604  
(617) 439-2000  
(617) 310-9000 (Fax)  
Attorney for Applicant



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### INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.56, §1.97 and §1.98, the attention of the Patent and Trademark Office is hereby directed to the cited references listed on the attached copy of PTO/SB/08A. It is respectfully requested that the information be expressly considered during the prosecution of this application and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

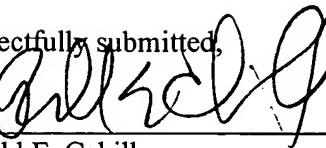
Applicants have not submitted a copy of the cited U.S. patents as required by 37 C.F.R. 1.98 (a)(2) since the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. However, a copy of the foreign and non-patent references are enclosed.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 141449, under Order No. 022727-0106.

Dated: March 31, 2005

Respectfully submitted,

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Ronald E. Cahill

Registration No.: 38,403

NUTTER MCCLENNEN & FISH LLP

World Trade Center West

155 Seaport Boulevard

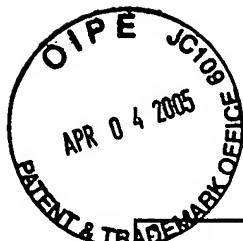
Boston, Massachusetts 02210-2604

(617) 439-2000

(617) 310-9000 (Fax)

Attorney for Applicant

1413146.1



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

				<i>Complete if Known</i>
				Application Number      10/806,025-Conf. #1011
				Filing Date      March 22, 2004
				First Named Inventor      Pallab Banerjee
				Art Unit      1632
				Examiner Name      Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number      022727-0106

### 01U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AA	US-4,587,329		05-06-1986	Tomalia et al.	
AB	US-5,338,532		08-16-1994	Tomalia et al.	
AC	US-5,460,831		10-24-1995	Kossovsky et al.	
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AF	US-5,661,025		08-26-1997	Szoka et al.	
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AH	US-5,739,218		04-14-1998	Dvornic et al.	
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AK	US-5,919,442		07-06-1999	Yin et al.	
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AW	US-2002/0146830		10-10-2002	Esuvaranathan et al.	
AX	US-2003/0004312		01-02-2003	Prusiner et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
BA	EP 0780152		06-25-1997	Zwijnenburg et al.		
BB	WO 99/34908		07-15-1999	Tomalia et al.		
BC	WO 01/76633		10-18-2001	Weber et al.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Pettersson, B., "Hyperbranched Polymers – Unique Design Tools For Multi Property Control in Resins and Coatings, Perstop Polyols – Application Technology, pp. 1-19	

Examiner Signature	Date Considered
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Substitute for form 1449A/B/PTO				<b>Complete If Known</b>	
				Application Number	10/806,025-Conf. #1011
				Filing Date	March 22, 2004
				First Named Inventor	Pallab Banerjee
				Art Unit	1632
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	022727-0106

	CB	Pelta, J. et al., "DNA Aggregation Induced by Polyamines and Cobalthexamine," <i>J Biol Chem.</i> , 271, 5656-5662, 1996.	
	CC	Haensler, J. et al., "Polyamidoamine Cascade Polymers Mediate Efficient Transfection of Cells in Culture," <i>Bioconjugate Chem.</i> 4, 372-379, 1993.	
	CD	Ohsaki, M. et al., "In Vitro Gene Transfection Using Dendritic Poly(L-lysine)," <i>Bioconjugate Chem.</i> 13, 510-517, 2002.	
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	CG	Boussif, O., et al., "Optimized Galenics Improve In Vitro Gene Transfer With Cationic Molecules Up to 1000-Fold," <i>Gene Therapy</i> 3, 1074-1080, 1996.	
	CH	Godbey, et al., "Tracking the Intracellular Path of Poly(ethylenimine)/DNA Complexes For Gene Delivery," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 96, 5177-5181, 1999.	
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	CK	Lim, Y. B., et al., "Biodegradable, Endosome Disruptive, and Cationic Network-type Polymer as a Highly Efficient and Nontoxic Gene Delivery Carrier," <i>Bioconjugate Chem.</i> 13, 952-957, 2002.	
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	CM	Godbey, W.T., et al., "Poly(ethylenimine) and its Role in Gene Delivery," <i>J. Control. Release</i> . 60, 149-160, 1999	
	CN	Ferrari, S., et al., "ExGen 500 is an Efficient Vector for Gene Delivery to Lung Epithelial Cells In Vitro and In Vivo," <i>Gene Ther.</i> 4, 1100-1106, 1997.	
	CO	Goula, D., et al., "Size, Diffusibility and Transfection Performance of Linear PEI/DNA Complexes in the Mouse Central Nervous System, <i>Gene Ther.</i> 5, 712-717, 1998.	
	CP	Goula, D., et al. "Polyethylenimine-based Intravenous Delivery of Transgenes to Mouse Lung," <i>Gene Ther.</i> 5, 1291-1295, 1998.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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